

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A device for the separation of volatile organic carbon compounds from a carrier liquid, particularly water, comprising a separating tank (12) with a carrier liquid inlet line (14), a measuring gas inlet (18), a carrier liquid drain (16) and a measuring gas flue (20), wherein in said carrier liquid drain there is provided a dynamic pressure system (26) such that the pressure in the measuring gas flue (20) can be maintained at a constant value, ~~characterized in that~~ wherein said device is adapted such that an excess pressure prevails therein which is maintained at a constant value by said dynamic pressure system.
2. (currently amended) A device as defined in claim 1, ~~characterized in that~~ wherein said dynamic pressure system is embodied as a back pressure vessel (26).
3. (currently amended) A device as defined in claim 1 ~~any one of the previous claims,~~ ~~characterized in that~~ wherein the dynamic pressure is approximately 4 kPa.
4. (currently amended) A device as defined in claim 1 ~~any one of the previous claims,~~ ~~characterized in that~~ wherein in the carrier liquid inlet line (14) there is provided a preheating unit (22) for the carrier liquid.
5. (currently amended) A device as defined in claim 1 ~~any one of the previous claims,~~ ~~characterized in that~~ wherein the measuring gas is air.
6. (currently amended) A device as defined in claim 1 ~~any one of the previous claims,~~ ~~characterized in that~~ wherein in said measuring gas flue (20) there are disposed cooling means (38) for cooling the measuring gas.

7. (currently amended) A device as defined in claim 6, ~~characterized in that~~ wherein said cooling means (38) are disposed above said separating tank (12) and/or said back pressure vessel (26) so that condensate formed in said cooling means (38) flows into said carrier liquid and drains away together with the latter.
8. (currently amended) A device as defined in ~~any one of the previous claims 6 or 7,~~ ~~characterized in that~~ wherein said cooling means (38) exhibit a bottom feed pipe (40) for the measuring gas and a top flue (42) so that the condensate can flow back through said measuring gas pipe (40).
9. (currently amended) A device as defined in ~~any one of the previous claims 6 to 8,~~ ~~characterized in that~~ wherein said cooling means (38) are embodied as a Peltier cooler.
10. (currently amended) A device as defined in ~~any one of the previous claims 6 to 9,~~ ~~characterized in that~~ wherein the measuring gas is cooled in said cooling means (38) to approximately 2°C.